

RECEIVED

JUN 14 2002

TECH CENTER 1600/2900



1600

RAW SEQUENCE LISTING

DATE: 06/04/2002

PATENT APPLICATION: US/08/927,939A

TIME: 14:48:15

Input Set : A:\1543001US1.txt

Output Set: N:\CRF3\06042002\H927939A.raw

4 <110> APPLICANT: Grainger, David J.
 5 Tatalick, Lauren Marie
 8 <120> TITLE OF INVENTION: Compounds and methods to inhibit or
 9 augment an inflammatory response.
 12 <130> FILE REFERENCE: 1543.001US1
 14 <140> CURRENT APPLICATION NUMBER: US 08/927939A
 C--> 15 <141> CURRENT FILING DATE: 1997-11-09
 17 <160> NUMBER OF SEQ ID NOS: 85
 19 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 12
 23 <212> TYPE: PRT
 24 <213> ORGANISM: Homo sapiens
 26 <400> SEQUENCE: 1
 27 Glu Ile Cys Ala Asp Pro Lys Gln Lys Trp Val Gln
 28 1 5 10
 30 <210> SEQ ID NO: 2
 31 <211> LENGTH: 13
 32 <212> TYPE: PRT
 33 <213> ORGANISM: Homo sapiens
 35 <400> SEQUENCE: 2
 36 Ala Gln Pro Asp Ala Ile Asn Ala Pro Val Thr Cys Cys
 37 1 5 10
 39 <210> SEQ ID NO: 3
 40 <211> LENGTH: 15
 41 <212> TYPE: PRT
 42 <213> ORGANISM: Homo sapiens
 44 <400> SEQUENCE: 3
 45 Ser Tyr Arg Arg Ile Thr Ser Ser Lys Cys Pro Lys Glu Ala Val
 46 1 5 10 15
 48 <210> SEQ ID NO: 4
 49 <211> LENGTH: 15
 50 <212> TYPE: PRT
 51 <213> ORGANISM: Homo sapiens
 53 <400> SEQUENCE: 4
 54 His Leu Lys Ile Leu Asn Thr Pro Asn Cys Ala Leu Gln Ile Val
 55 1 5 10 15
 57 <210> SEQ ID NO: 5
 58 <211> LENGTH: 14
 59 <212> TYPE: PRT
 60 <213> ORGANISM: Homo sapiens
 62 <400> SEQUENCE: 5
 63 Asp Tyr Phe Glu Thr Ser Ser Gln Cys Ser Lys Pro Gly Val

ENTERED

RAW SEQUENCE LISTING

DATE: 06/04/2002

PATENT APPLICATION: US/08/927,939A

TIME: 14:48:15

Input Set : A:\1543001US1.txt

Output Set: N:\CRF3\06042002\H927939A.raw

RECEIVED

JUN 14 2002

TECH CENTER 1600/2900

```

64 1 5 10
65 <210> SEQ ID NO: 6
66 <211> LENGTH: 15
67 <212> TYPE: PRT
68 <213> ORGANISM: Homo sapiens
70 <400> SEQUENCE: 6
71 Glu Leu Arg Val Ile Glu Ser Gly Pro His Cys Ala Asn Thr Glu
72 1 5 10 15
74 <210> SEQ ID NO: 7
75 <211> LENGTH: 10
76 <212> TYPE: PRT
77 <213> ORGANISM: Homo sapiens
79 <400> SEQUENCE: 7
80 Cys Ala Asp Pro Lys Gln Lys Trp Val Gln
81 1 5 10
83 <210> SEQ ID NO: 8
84 <211> LENGTH: 6
85 <212> TYPE: PRT
86 <213> ORGANISM: Homo sapiens
88 <400> SEQUENCE: 8
89 Glu Ile Cys Ala Asp Pro
90 1 5
92 <210> SEQ ID NO: 9
93 <211> LENGTH: 6
94 <212> TYPE: PRT
95 <213> ORGANISM: Homo sapiens
97 <400> SEQUENCE: 9
98 Lys Gln Lys Trp Val Gln
99 1 5
101 <210> SEQ ID NO: 10
102 <211> LENGTH: 12
103 <212> TYPE: PRT
104 <213> ORGANISM: Homo sapiens
106 <400> SEQUENCE: 10
107 Glu Ile Cys Leu Asp Pro Lys Gln Lys Trp Val Gln
108 1 5 10
110 <210> SEQ ID NO: 11
111 <211> LENGTH: 12
112 <212> TYPE: PRT
113 <213> ORGANISM: Homo sapiens
115 <400> SEQUENCE: 11
116 Glu Ile Cys Ala Asp Pro Ser Gln Lys Trp Val Gln
117 1 5 10
119 <210> SEQ ID NO: 12
120 <211> LENGTH: 12
121 <212> TYPE: PRT
122 <213> ORGANISM: Homo sapiens
124 <400> SEQUENCE: 12
125 Glu Ile Cys Ala Asp Pro Ser Glu Glu Trp Val Gln

```

RAW SEQUENCE LISTING

DATE: 06/04/2002

PATENT APPLICATION: US/08/927,939A

TIME: 14:48:15

Input Set : A:\1543001US1.txt

Output Set: N:\CRF3\06042002\H927939A.raw

```

126 1 5 10
128 <210> SEQ ID NO: 13
129 <211> LENGTH: 12
130 <212> TYPE: PRT
131 <213> ORGANISM: Homo sapiens
133 <400> SEQUENCE: 13
134 Glu Ile Cys Ala Asp Pro Lys Gln Lys Trp Ile Gln
135 1 5 10
137 <210> SEQ ID NO: 14
138 <211> LENGTH: 12
139 <212> TYPE: PRT
140 <213> ORGANISM: Homo sapiens
142 <400> SEQUENCE: 14
143 Glu Ile Cys Leu Asp Pro Lys Gln Lys Trp Ile Gln
144 1 5 10
146 <210> SEQ ID NO: 15
147 <211> LENGTH: 12
148 <212> TYPE: PRT
149 <213> ORGANISM: Homo sapiens
151 <400> SEQUENCE: 15
152 Cys Pro Ser Leu Glu Asp Ser Phe Ile Gln Val Ala
153 1 5 10
155 <210> SEQ ID NO: 16
156 <211> LENGTH: 99
157 <212> TYPE: PRT
158 <213> ORGANISM: Homo sapiens
160 <400> SEQUENCE: 16
161 Met Lys Val Ser Ala Ala Leu Leu Cys Leu Leu Leu Ile Ala Ala Thr
162 1 5 10 15
163 Phe Ile Pro Gln Gly Leu Ala Gln Pro Asp Ala Ile Asn Ala Pro Val
164 20 25 30
165 Thr Cys Cys Tyr Asn Phe Thr Asn Arg Lys Ile Ser Val Gln Arg Leu
166 35 40 45
167 Ala Ser Tyr Arg Arg Ile Thr Ser Ser Lys Cys Pro Lys Glu Ala Val
168 50 55 60
169 Ile Phe Lys Thr Ile Val Ala Lys Glu Ile Cys Ala Asp Pro Lys Gln
170 65 70 75 80
171 Lys Trp Val Gln Asp Ser Met Asp His Leu Asp Lys Gln Thr Gln Thr
172 85 90 95
173 Pro Lys Thr
176 <210> SEQ ID NO: 17
177 <211> LENGTH: 77
178 <212> TYPE: PRT
179 <213> ORGANISM: Homo sapiens
181 <400> SEQUENCE: 17
182 Ala Gln Pro Asp Ser Val Ser Ile Pro Ile Thr Cys Cys Phe Asn Val
183 1 5 10 15
184 Ile Asn Arg Lys Ile Pro Ile Gln Arg Leu Glu Ser Tyr Thr Arg Ile
185 20 25 30

```

RECEIVED
JUN 14 2002
TECH CENTER 1600/2900

RAW SEQUENCE LISTING

PATENT APPLICATION: US/08/927,939A

DATE: 06/04/2002

TIME: 14:48:15

Input Set : A:\1543001US1.txt

Output Set: N:\CRF3\06042002\H927939A.raw

RECEIVED

JUN 14 2002

TECH CENTER 1600/2900

```

186 Thr Asn Ile Gln Cys Pro Lys Glu Ala Val Ile Phe Lys Thr Lys Arg
187      35                      40                      45
188 Gly Lys Glu Val Cys Ala Asp Pro Lys Glu Arg Trp Val Arg Asp Ser
189      50                      55                      60
190 Met Lys His Leu Asp Gln Ile Phe Gln Asn Leu Lys Pro
191 65                      70                      75
193 <210> SEQ ID NO: 18
194 <211> LENGTH: 99
195 <212> TYPE: PRT
196 <213> ORGANISM: Homo sapiens
198 <400> SEQUENCE: 18
199 Met Lys Ala Ser Ala Ala Leu Leu Cys Leu Leu Thr Ala Ala Ala
200 1      5                      10                      15
201 Phe Ser Pro Gln Gly Leu Ala Gln Pro Val Gly Ile Asn Thr Ser Thr
202      20                      25                      30
203 Thr Cys Cys Tyr Arg Phe Ile Asn Lys Lys Ile Pro Lys Gln Arg Leu
204      35                      40                      45
205 Glu Ser Tyr Arg Arg Thr Thr Ser Ser His Cys Pro Arg Glu Ala Val
206      50                      55                      60
207 Ile Phe Lys Thr Lys Leu Asp Lys Glu Ile Cys Ala Asp Pro Thr Gln
208 65                      70                      75                      80
209 Lys Trp Val Gln Asp Phe Met Lys His Leu Asp Lys Lys Thr Gln Thr
210      85                      90                      95
211 Pro Lys Leu
214 <210> SEQ ID NO: 19
215 <211> LENGTH: 92
216 <212> TYPE: PRT
217 <213> ORGANISM: Homo sapiens
219 <400> SEQUENCE: 19
220 Met Gln Val Ser Thr Ala Ala Leu Ala Val Leu Leu Cys Thr Met Ala
221 1      5                      10                      15
222 Leu Cys Asn Gln Phe Ser Ala Ser Leu Ala Ala Asp Thr Pro Thr Ala
223      20                      25                      30
224 Cys Cys Phe Ser Tyr Thr Ser Arg Gln Ile Pro Gln Asn Phe Ile Ala
225      35                      40                      45
226 Asp Tyr Phe Glu Thr Ser Ser Gln Cys Ser Lys Pro Gly Val Ile Phe
227      50                      55                      60
228 Leu Thr Lys Arg Ser Arg Gln Val Cys Ala Asp Pro Ser Glu Glu Trp
229 65                      70                      75                      80
230 Val Gln Lys Tyr Val Ser Asp Leu Glu Leu Ser Ala
231      85                      90
233 <210> SEQ ID NO: 20
234 <211> LENGTH: 92
235 <212> TYPE: PRT
236 <213> ORGANISM: Homo sapiens
238 <400> SEQUENCE: 20
239 Met Lys Leu Cys Val Thr Val Leu Ser Leu Leu Met Leu Val Ala Ala
240 1      5                      10                      15
241 Phe Cys Ser Pro Ala Leu Ser Ala Pro Met Gly Ser Asp Pro Pro Thr

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/08/927,939A

DATE: 06/04/2002

TIME: 14:48:15

Input Set : A:\1543001US1.txt

Output Set: N:\CRF3\06042002\H927939A.raw

RECEIVED
JUN 14 2002
TECH CENTER 1600/2900

```

242          20          25          30
243 Ala Cys Cys Phe Ser Tyr Thr Ala Arg Lys Leu Pro Arg Asn Phe Val
244          35          40          45
245 Val Asp Tyr Tyr Glu Thr Ser Ser Leu Cys Ser Gln Pro Ala Val Val
246          50          55          60
247 Phe Gln Thr Lys Arg Ser Lys Gln Val Cys Ala Asp Pro Ser Glu Ser
248 65          70          75          80
249 Trp Val Gln Glu Tyr Val Tyr Asp Leu Glu Leu Asn
250          85          90
252 <210> SEQ ID NO: 21
253 <211> LENGTH: 91
254 <212> TYPE: PRT
255 <213> ORGANISM: Homo sapiens
257 <400> SEQUENCE: 21
258 Met Lys Val Ser Ala Ala Arg Leu Ala Val Ile Leu Ile Ala Thr Ala
259 1          5          10          15
260 Leu Cys Ala Pro Ala Ser Ala Ser Pro Tyr Ser Ser Asp Thr Thr Pro
261          20          25          30
262 Cys Cys Phe Ala Tyr Ile Ala Arg Pro Leu Pro Arg Ala His Ile Lys
263          35          40          45
264 Glu Tyr Phe Tyr Thr Ser Gly Lys Cys Ser Asn Pro Ala Val Val Phe
265          50          55          60
266 Val Thr Arg Lys Asn Arg Gln Val Cys Ala Asn Pro Glu Lys Lys Trp
267 65          70          75          80
268 Val Arg Glu Tyr Ile Asn Ser Leu Glu Met Ser
269          85          90
271 <210> SEQ ID NO: 22
272 <211> LENGTH: 89
273 <212> TYPE: PRT
274 <213> ORGANISM: Homo sapiens
276 <400> SEQUENCE: 22
277 Met Asn Ala Lys Val Val Val Val Leu Val Leu Val Leu Thr Ala Leu
278 1          5          10          15
279 Cys Leu Ser Asp Gly Lys Pro Val Ser Leu Ser Tyr Arg Cys Pro Cys
280          20          25          30
281 Arg Phe Phe Glu Ser His Val Ala Arg Ala Asn Val Lys His Leu Lys
282          35          40          45
283 Ile Leu Asn Thr Pro Asn Cys Ala Leu Gln Ile Val Ala Arg Leu Lys
284          50          55          60
285 Asn Asn Asn Arg Gln Val Cys Ile Asp Pro Lys Leu Lys Trp Ile Gln
286 65          70          75          80
287 Glu Tyr Leu Glu Lys Ala Leu Asn Lys
288          85
290 <210> SEQ ID NO: 23
291 <211> LENGTH: 99
292 <212> TYPE: PRT
293 <213> ORGANISM: Homo sapiens
295 <400> SEQUENCE: 23
296 Met Thr Ser Lys Leu Ala Val Ala Leu Leu Ala Ala Phe Leu Ile Ser

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/08/927,939A

DATE: 06/04/2002
TIME: 14:48:16

Input Set : A:\1543001US1.txt
Output Set: N:\CRF3\06042002\H927939A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:68; Xaa Pos. 8,11

Seq#:84; Xaa Pos. 1,4,5,6,8

RECEIVED
JUN 14 2002
TECH CENTER 1600/2900